

ABSTRACT

An object of the present invention is to provide a novel microorganism which has an excellent ability to solubilize a variety of organic solid matter such as biological sludge including raw sludge and excess sludge discharged from sewage treating processes at sewage treatment plants, night soil treatment plants or the like, or organic sludge discharged from production processes or wastewater treatment processes at food plants, chemical plants or the like. A novel microorganism of the present invention belongs to genus Geobacillus, which has an ability to produce a solubilizing enzyme for solubilizing organic solid matter such as organic sludge or biological sludge.